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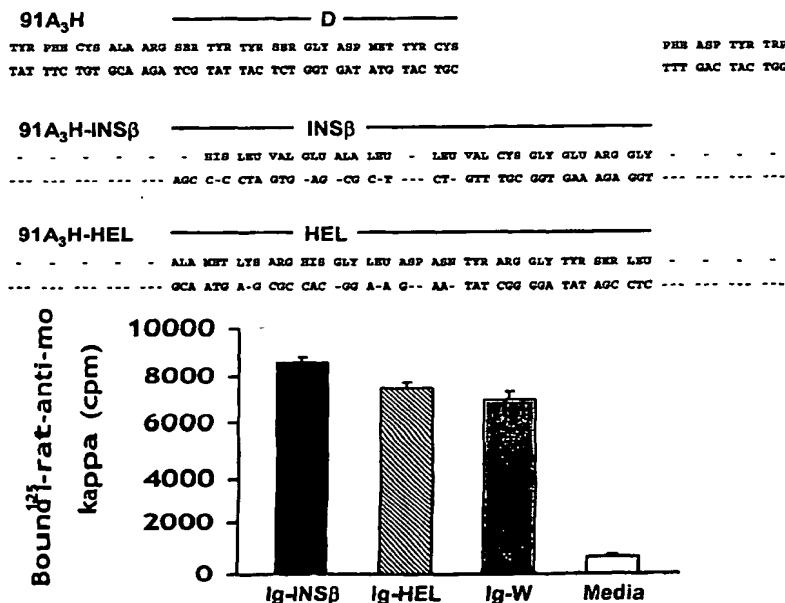
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(54) Title: TREATMENT OF TYPE 1 DIABETES BEFORE AND AFTER EXPRESSION OF PREDISPOSITION MARKERS



(57) Abstract: The present invention relates generally to the use of compounds, compositions, combinations, kits, and methods for the effective endocytic presentation of immunosuppressive factors for the down regulation of diabetogenic T cells for the treatment of type 1 diabetes.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/10700

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61K 39/00, 38/24, 38/27; C07K 1/00, 14/00, 16/00, 17/00

US CL : 424/ 185.1, 192.1, 198.1; 530/ 399

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 424/ 185.1, 192.1, 198.1; 530/ 399

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
WEST, Medline, Caplus, Biosis, Embase**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	LEGGE, K.L. et al. Multi-Modal Antigen Specific Therapy for Autoimmunity. Int. Rev. Immunol. October 2001, Vol. 20, pages 593-611, see entire document.	1-46
Y	LEGGE, K.L. et al. Coupling of peripheral Tolerance to Endogenous Interleukin 10 Promotes Effective Modulation of Myelin-activated T Cells and Ameliorates Experimental Autoimmune Encephalomyelitis. J. Exp. Med. 19 June 2000, Vol. 191, No. 12, pages 2039-2051, see entire document.	1-46
Y	ZAMBIDIS, E.T. et al. Epitope-specific tolerance induction with an engineered immunoglobulin. Proc. Natl. Acad. Sci., USA. May 1996, Vol. 93, pages 5019-5024, see entire document.	1-46
Y	BALASA, B. et al. A Mechanism for IL-10-Mediated Diabetes in the Nonobese Diabetic (NOD) Mouse: ICAM-1 Deficiency Blocks Accelerated Diabetes. J. Immunol. 2000, Vol. 165, pages 7330-7337, see entire document.	1-46

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

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